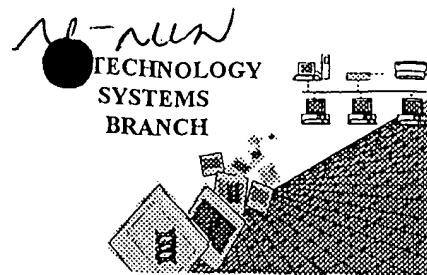


M. DAVIS



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/973,382B  
Source: O/P/E  
Date Processed by STIC: 8/15/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



OIPE

## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

Input Set : A:\D6230SEQ.txt

Output Set: N:\CRF4\08152003\I973382B.raw

2 <110> APPLICANT: Heston, Warren D.W.  
 3 O'Keefe, Denise S.  
 5 <120> TITLE OF INVENTION: DNA Encoding the Prostate-Specific Membrane  
 6 Antigen-Like Gene and Uses Thereof  
 8 <130> FILE REFERENCE: D6230

C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/973,382B

11 <141> CURRENT FILING DATE: 2001-10-09

13 <150> PRIOR APPLICATION NUMBER: PCT/US00/09417

14 <151> PRIOR FILING DATE: 2000-04-09

16 <160> NUMBER OF SEQ ID NOS: 38

18 <210> SEQ ID NO: 1

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20 <212> TYPE: DNA

21 <213> ORGANISM: Homo sapiens

23 <220> FEATURE:

24 <223> OTHER INFORMATION: cDNA sequence of PSMA-like gene

26 <400> SEQUENCE: 1

Does Not Comply  
 Corrected Diskette Needed

P.3

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30 gtactcattt aagtgtata ttgaaaattg atattaccaa atctggaaca  200
31 accaatttaa aataaggaaa gaaagacact gtgttttcta ggttaaaaaat  250
32 gccagctgg caggggccaaggagtcatt ctctactcag accctgctga  300
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46 ttaatgctga ctcatctata gaaggaaact acactctgag agttgattgt 1000
47 acaccactga tgtacagctt ggtatacaac ctaacaaaag agctgaaaag 1050
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## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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55 atgctgtagt tttaagaaag tatgctgaca aaatctacaa tatttctatg 1450
56 aaacatccac aggaaatgaa gacatacagt ttatcatttg attcactttt 1500
57 ttctgcagta aaaaatttta cagaaaattgc ttccaagttc agcgagagac 1550
58 tccaggactt tgacaaaaagc aacccaatat tgtaagaat gatgaatgat 1600
59 caactcatgt ttctggaaag agcatttatt gatccattag ggttaccaga 1650
60 cagacctttt tataggcatg tcatctatgc tccaagcagc cacaacaagt 1700
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64 cctaagagga ttctttagag actctgtatt gaatttgtgt ggtatgtcac 1900
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71 <212> TYPE: PRT
72 <213> ORGANISM: Homo sapiens
74 <220> FEATURE:
75 <223> OTHER INFORMATION: deduced amino acid sequence of PSMA-like
76 protein
78 <400> SEQUENCE: 2
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83 Thr Gln Lys Val Lys Met His Ile His Ser Thr Asn Glu Val Thr
84 35 40 45
85 Arg Ile Tyr Asn Val Ile Gly Thr Leu Arg Gly Ala Val Glu Pro
86 50 55 60
87 Asp Arg Tyr Val Ile Leu Gly Gly His Arg Asp Ser Trp Val Phe
88 65 70 75
89 Gly Gly Ile Asp Pro Gln Ser Gly Ala Ala Val Val His Glu Thr
90 80 85 90
91 Val Arg Ser Phe Gly Thr Leu Lys Lys Glu Gly Trp Arg Pro Arg
92 95 100 105
93 Arg Thr Ile Leu Phe Ala Ser Trp Asp Ala Glu Glu Phe Gly Leu
94 110 115 120
95 Leu Gly Ser Thr Glu Trp Ala Glu Asp Asn Ser Arg Leu Leu Gln
96 125 130 135
97 Glu Arg Gly Val Ala Tyr Ile Asn Ala Asp Ser Ser Ile Glu Gly
98 140 145 150
99 Asn Tyr Thr Leu Arg Val Asp Cys Thr Pro Leu Met Tyr Ser Leu
100 155 160 165
101 Val Tyr Asn Leu Thr Lys Glu Leu Lys Ser Pro Asp Glu Gly Phe
102 170 175 180
103 Glu Gly Lys Ser Leu Tyr Glu Ser Trp Thr Lys Lys Ser Pro Ser
104 185 190 195
105 Pro Glu Phe Ser Gly Met Pro Arg Ile Ser Lys Leu Gly Ser Gly

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## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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Output Set: N:\CRF4\08152003\I973382B.raw

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110		230		235		240
111	Tyr Pro Leu Tyr His Ser Val Tyr Glu Thr Tyr Glu Leu Val Glu					
112		245		250		255
113	Lys Phe Tyr Asp Pro Met Phe Lys Tyr His Leu Thr Val Ala Gln					
114		260		265		270
115	Val Arg Gly Gly Met Val Phe Glu Leu Ala Asn Ser Ile Val Leu					
116		275		280		285
117	Pro Phe Asp Cys Arg Asp Tyr Ala Val Val Leu Arg Lys Tyr Ala					
118		290		295		300
119	Asp Lys Ile Tyr Asn Ile Ser Met Lys His Pro Gln Glu Met Lys					
120		305		310		315
121	Thr Tyr Ser Leu Ser Phe Asp Ser Leu Phe Ser Ala Val Lys Asn					
122		320		325		330
123	Phe Thr Glu Ile Ala Ser Lys Phe Ser Glu Arg Leu Gln Asp Phe					
124		335		340		345
125	Asp Lys Ser Asn Pro Ile Leu Leu Arg Met Met Asn Asp Gln Leu					
126		350		355		360
127	Met Phe Leu Glu Arg Ala Phe Ile Asp Pro Leu Gly Leu Pro Asp					
128		365		370		375
129	Arg Pro Phe Tyr Arg His Val Ile Tyr Ala Pro Ser Ser His Asn					
130		380		385		390
132	Lys Tyr Ala Gly Glu Ser Phe Pro Gly Ile Tyr Asp Ala Leu Phe					
133		395		400		405
134	Asp Ile Glu Ser Lys Val Asp Pro Ser Lys Ala Trp Gly Asp Val					
135		410		415		420
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144 &lt;212&gt; TYPE: DNA

145 &lt;213&gt; ORGANISM: Homo sapiens

147 &lt;220&gt; FEATURE:

148 &lt;223&gt; OTHER INFORMATION: nucleotide sequence of human PSMA gene

150 &lt;300&gt; PUBLICATION INFORMATION:

151 &lt;308&gt; DATABASE ACCESSION NO: GenBank Accession No. M99487

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158	aggcattagt gagattgaga gagactttac cccgccgtgg tggttggagg	200
159	gcgcgcagta gagcagcagc acaggcgcg gtccccgggag gccggctctg	250
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wherever <308>  
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## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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Output Set: N:\CRF4\08152003\I973382B.raw

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164 gaattgaaag ctgagaacat caagaagttc ttatataatt ttacacagat 500
165 accacattta gcaggaacag aacaaaactt tcagcttgca aagcaaattc 550
166 aatcccagtg gaaagaattt ggcttgatt ctgttgagct agcacattat 600
167 gatgtcctgt tgtcctaccc aaataagact catcccaact acatctcaat 650
168 aattaatgaa gatggaaatg agattttcaa cacatcatta tttgaaccac 700
169 ctctccagg atatgaaaat gtttcggata ttgtaccacc tttcagtgtc 750
170 ttctctctc aaggaatgcc agagggcgat ctagtgtatg ttaactatgc 800
171 acgaactgaa gacttcttta aattggaacg ggacatgaaa atcaattgct 850
172 ctgggaaaat tgtaattgcc agatatggga aagttttcag aggaaataag 900
173 gttaaaaatg cccagctggc agggggccaaa ggagtcattc tctactccga 950
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## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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225           35           40           45
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227           50           55           60
228 Phe Leu Asp Glu Leu Lys Ala Glu Asn Ile Lys Lys Phe Leu Tyr
229           65           70           75
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231           80           85           90
232 Gln Leu Ala Lys Gln Ile Gln Ser Gln Trp Lys Glu Phe Gly Leu
233           95          100          105
234 Asp Ser Val Glu Leu Ala His Tyr Asp Val Leu Leu Ser Tyr Pro
235          110          115          120
236 Asn Lys Thr His Pro Asn Tyr Ile Ser Ile Ile Asn Glu Asp Gly
237          125          130          135
238 Asn Glu Ile Phe Asn Thr Ser Leu Phe Glu Pro Pro Pro Pro Gly
239          140          145          150
240 Tyr Glu Asn Val Ser Asp Ile Val Pro Pro Phe Ser Ala Phe Ser
241          155          160          165
242 Pro Gln Gly Met Pro Glu Gly Asp Leu Val Tyr Val Asn Tyr Ala
243          170          175          180
244 Arg Thr Glu Asp Phe Phe Lys Leu Glu Arg Asp Met Lys Ile Asn
245          185          190          195
246 Cys Ser Gly Lys Ile Val Ile Ala Arg Tyr Gly Lys Val Phe Arg
247          200          205          210
248 Gly Asn Lys Val Lys Asn Ala Gln Leu Ala Gly Ala Lys Gly Val
249          215          220          225
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253          245          250          255
254 Gly Asn Ile Leu Asn Leu Asn Gly Ala Gly Asp Pro Leu Thr Pro
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256 Gly Tyr Pro Ala Asn Glu Tyr Ala Tyr Arg Arg Gly Ile Ala Glu
257          275          280          285
258 Ala Val Gly Leu Pro Ser Ile Pro Val His Pro Ile Gly Tyr Tyr
259          290          295          300
260 Asp Ala Gln Lys Leu Leu Glu Lys Met Gly Gly Ser Ala Pro Pro
261          305          310          315
263 Asp Ser Ser Trp Arg Gly Ser Leu Lys Val Pro Tyr Asn Val Gly

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